SUBJECT INDEX

Alkali metal ions, p. 297
Antagonism, p. 278
Atrium smoke management, p. 468
Balcony spill plume, p. 468
Basis weight, p. 90
B.S. flammability standards, p. 250
Building fire, p. 335
Cable insulators, p. 206
Cartridge heaters, p. 75
Cellulose, pp. 90, 297
Chemical degradation, p. 206
Cigarette ignition propensity, pp. 15, 32
Combustion, p. 297
Commercial flame retardants, p. 351
Computational fluid dynamics, p. 468
Cone calorimeter, pp. 179, 351
Cotton, pp. 75, 90, 250, 297
Degassing analysis, p. 206
Dielectric aging, p. 206
Enthalpy method, p. 46
Evacuation model, p. 414
Fabrics, pp. 75, 90, 297
Filling materials, p. 105
Fire byproducts, p. 206
Fire contamination, p. 206
Fire retardancy, pp. 233, 278, 351
Fire-retardant materials, p. 46
Fire safety, p. 437
Fire safety design concept, pp. 149, 151, 410
Fire safety engineering, p. 414
Fire science, p. 7
Flame spread, p. 437
Flammability, p. 250
Flammable substrate, p. 32
Flash points of petroleum fractions, p. 222
Flashover, p. 335
Forced ventilation chamber, p. 125
Heat flux, p. 90
Heat release properties, p. 179
Holographic interferometry, p. 437
Hong Kong airport terminal building, pp. 149, 151, 410
Ignitability, p. 179
Ignition, p. 75, p. 297
Ignition propensity, p. 15
Interliners, p. 105
Intumescent coatings, p. 46
Intumescent process, p. 46
Intumescent reaction, p. 46
Laboratory-scale gallery fire test, p. 179
Liquid fuel, p. 437
Magnesium hydroxide, p. 383
Mass combustion rate, p. 458
Mattress flammability, p. 105
MDI, p. 351
Melamine, p. 383
Moving heat source, p. 32
Net heat flux, p. 32
New Test Method—Flammability, p. 250
New Test Method—Trimmings, p. 250
Novolac, p. 383
Open-flame, p. 105
Oxygen index test, p. 179
Peak heat release rates, p. 351
Phase space diagrams, p. 335
Polydimethyl siloxanes, p. 351
Polymer deterioration, p. 206
Polypropylene, pp. 250, 383
Polyurethanes, p. 351
Potassium, p. 90
Powdered siloxane additives, p. 351
Power cables, p. 206
PPO/HIPS blend, p. 233
Pseudo latent heat, p. 46
PVC degradation, p. 206
Pyrophoric materials, p. 159
Quadruple mass spectrometry, p. 206
Rate of heat release, p. 105
Regression analysis, p. 179
Reid vapor pressure, p. 222

SUBJECT INDEX

Alkali metal ions, p. 297
Antagonism, p. 278
Atrium smoke management, p. 468
Balcony spill plume, p. 468
Basis weight, p. 90
B.S. flammability standards, p. 250
Building fire, p. 335
Cable insulators, p. 206
Cartridge heaters, p. 75
Cellulose, pp. 90, 297
Chemical degradation, p. 206
Cigarette ignition propensity, pp. 15, 32
Combustion, p. 297
Commercial flame retardants, p. 351
Computational fluid dynamics, p. 468
Cone calorimeter, pp. 179, 351
Cotton, pp. 75, 90, 250, 297
Degassing analysis, p. 206
Dielectric aging, p. 206
Enthalpy method, p. 46
Evacuation model, p. 414
Fabrics, pp. 75, 90, 297
Filling materials, p. 105
Fire byproducts, p. 206
Fire contamination, p. 206
Fire retardancy, pp. 233, 278, 351
Fire-retardant materials, p. 46
Fire safety, p. 437
Fire safety design concept, pp. 149, 151, 410
Fire safety engineering, p. 414
Fire science, p. 7
Flame spread, p. 437
Flammability, p. 250
Flammable substrate, p. 32
Flash points of petroleum fractions, p. 222
Flashover, p. 335
Forced ventilation chamber, p. 125
Heat flux, p. 90
Heat release properties, p. 179
Holographic interferometry, p. 437
Hong Kong airport terminal building, pp. 149, 151, 410
Ignitability, p. 179
Ignition, p. 75, p. 297
Ignition propensity, p. 15
Interliners, p. 105
Intumescent coatings, p. 46
Intumescent process, p. 46
Intumescent reaction, p. 46
Laboratory-scale gallery fire test, p. 179
Liquid fuel, p. 437
Magnesium hydroxide, p. 383
Mass combustion rate, p. 458
Mattress flammability, p. 105
MDI, p. 351
Melamine, p. 383
Moving heat source, p. 32
Net heat flux, p. 32
New Test Method—Flammability, p. 250
New Test Method—Trimmings, p. 250
Novolac, p. 383
Open-flame, p. 105
Oxygen index test, p. 179
Peak heat release rates, p. 351
Phase space diagrams, p. 335
Polydimethyl siloxanes, p. 351
Polymer deterioration, p. 206
Polypropylene, pp. 250, 383
Polyurethanes, p. 351
Potassium, p. 90
Powdered siloxane additives, p. 351
Power cables, p. 206
PPO/HIPS blend, p. 233
Pseudo latent heat, p. 46
PVC degradation, p. 206
Pyrophoric materials, p. 159
Quadruple mass spectrometry, p. 206
Rate of heat release, p. 105
Regression analysis, p. 179
Reid vapor pressure, p. 222

Resorcinol bis(diphenylphosphate), pp. 233, 278
Smoke and carbon monoxide, p. 351
Smoke release properties, p. 179
Smoldering, pp. 75, 90, 297
Soft furnishings, pp. 15, 250
Stress factors, p. 206
Synergy, pp. 206, 278
Technical Bulletin 129, p. 105
Temperature measurement, pp. 3, 7, 125
Thermal diffusivities of upholstery materials, p. 327
Thermodynamic concepts, p. 7
Thermogravimetry, pp. 233, 278
Thermomechanical behavior, p. 46
Ticking, p. 105
Time to ignition, p. 90
UFAC standard, p. 250
Vapor pressure of liquids, p. 159
Vaporization, p. 159
Volume contamination, p. 206
Zone model, pp. 25, 335

AUTHOR INDEX

Bae, S. Y., p. 32
Beever, P., p. 151
Bright, D. A., pp. 233, 278
Chen, P., pp. 75, 90
Chen, P. L., p. 15
Cheung, F. B., p. 46
Chow, W. K., pp. 25, 125, 335, 468
Cremers, C., p. 437
Cui, E., p. 468
Dashevsky, S., pp. 233, 278
Dervos, C. T., p. 206
D'Silva, A. P., p. 250
Dwyer, R. W., p. 90
Dyakonov, A. J., p. 297
Galea, E. R., p. 414
Godefroy, P., p. 159
Grider, D. A., p. 297
Grotzo, L., p. 437
He, Y., p. 7
Jayakody, C., p. 351
Jones, J. C., pp. 3, 222, 327, 407, 410
Kellog, D. S., pp. 75, 90
Kim, S. H., p. 32
Koo, J. H., p. 46
Law, M., p. 149
Levchick, G. F., pp. 233, 278
Levchik, S. V., pp. 233, 278
Lewandowski, S., p. 351
Lewin, M., p. 383
Lin, H. S., p. 383
McCormack, J., p. 105
McRae, D. D., pp. 75, 90
Murashko, E. A., pp. 233, 278
Nakagawa, Y., p. 179
Nelson, G. L., p. 351
Nikitin, Y. V., p. 458
Nurbakhsh, S., p. 105
Saito, K., p. 437
Shih, Y. C., p. 46
Sorathia, U., p. 351
Tashtoush, G., p. 437
Tsui, S. C., p. 125
Vantelon, J. P., p. 159
Vassiliou, P., p. 206
Vierfond, J. M., p. 159
Wanna, J. T., p. 1
Waymack, B. E., pp. 75, 90
Weil, E. D., p. 383